

Human IgG1 Isotype Control L234F/L235E

Product Code: ICH2254LFLE

More Information

Target: Hen Egg Lysozyme

Concentration: 5mg/ml

Isotype: Human IgG1 (L234F/L235E)

Host: CHO Cells

product name H2: Human IgG1 Isotype Control L234F/L235E

Buffer: ICH3002

Shipping Conditions: Blue ice

background: Featuring the L234F and L235E substitutions that diminish Fc effector engagement, this human IgG1 antibody is directed against hen egg lysozyme and therefore acts as a dedicated negative control with no mammalian target. It is used to map background signal and gating thresholds, ensuring that any specific activity measured in flow cytometry, functional assays, or in vivo models reflects true antigen binding rather than the antibody framework. Supplied with low endotoxin and validated for in vivo administration, the control is manufactured in scalable milligram to gram quantities to meet the needs of high-throughput and bulk research operations. For research use only.

Specificity: Human IgG1 with a L234F/L235E mutation

Purification Method: This monoclonal antibody was purified using Protein A

Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.

Purity: >95% by SDS-PAGE

Endotoxin: ≤ 1.0 EU/mg as determined by the LAL method

Storage: This antibody is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.

FAQ (Q&A):

Q: What is this Human IgG1 L234F/L235E isotype control used for?

A: It is a non-targeting Human IgG1 antibody against Hen Egg Lysozyme, an irrelevant antigen, used as an isotype-matched negative control for background and Fc effects; for research use only (RUO).

Q: Is the Human IgG1 isotype control suitable for in vivo studies?

A: Yes, it is supplied in a low-endotoxin, in vivo-grade format suitable for in vivo control arms and in vitro work.

Q: Can this isotype control be ordered in bulk?

A: Yes, it is manufactured in scalable milligram to gram quantities to support high-throughput and bulk experiments.